

Louisiana Department of Environmental Quality (LDEQ)
Office of Environmental Services

STATEMENT OF BASIS

Multiple Facilities
Part 70 General Operating Permit Initial or Renewal
Multiple Companies
Municipality, Multiple Parish, Louisiana
Agency Interest Number: Varies
Activity Number: PERYEAR00XX
Draft Permit XXXX-XXXXX-VX or XXXX-VX

Preamble

This is a revision to the current Louisiana Department of Environmental Quality General Permit.

The current General Permit was printed in the following newspapers requesting public comment on the General Permit: *the Louisiana Register*, on September 20, 1996, *The Advocate*, Baton Rouge, on September 5, 1996 and September 13, 1996; *The Times-Picayune*, New Orleans, on September 5, 1996, and September 14, 1996; *The News-Star*, Monroe, on September 10, 1996, and September 23, 1996; *The Lake Charles American Press*, Lake Charles, on September 5, 1996, and September 25, 1996; *The Times*, Shreveport, on September 7, 1996, and September 25, 1996, and in *The Advertiser*, Lafayette, on September 8, 1996. Several comments were received and considered prior to approval.

This revised General Permit adds the following regulations to those previously included:

- LAC 33:III.219
 - LAC 33:III.2104 Crude Oil and Condensate
 - LAC 33:III.2109 Oil/Water Separation
 - LAC 33:III.2123 Organic Solvents
 - LAC 33:III.Chapter 22 Ozone Non-Attainment
 - LAC 33:III.Chapter 29 Odor Regulations
 - 40 CFR 60 Subpart VV VOC Leaks for SOCMII
 - 40 CFR 61 Subpart A General Provisions
 - 40 CFR 61 Subpart M Asbestos
 - 40 CFR 61 Subpart V Fugitive Leaks
 - 40 CFR 61 Subpart FF Benzene Waste Operations
 - 40 CFR 63 Subpart A General Provisions
 - 40 CFR 63 Subpart HH HAP's from Oil and Gas Production
 - 40 CFR 63 Subpart HHH Natural Gas Transmission and Storage
 - 40 CFR 64 Compliance Assurance Monitoring (CAM)
 - La. Policy - Cyclone Collectors
 - La. Policy - Dust Filters
 - La. Policy - Wet Scrubbers
 - La. Policy - Carbon Adsorbers
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The full list of regulations covered in this revised General Permit is in the attached Appendix A. The types of facilities that can be covered by this General Permit are any facilities or portion thereof, that are subject to the regulations covered by this General Permit. This general permit can be issued for new facilities or portions thereof, modifications to existing facilities and permit renewals. If a facility is subject to any regulation not listed in Appendix A, then a General Permit cannot be issued for that facility. An exception to this is when there is a specific condition that meets all of the requirements of being a state only requirement. This excludes federally enforceable specific conditions or limitations a source takes voluntarily (e.g. throughput) to avoid the applicability of a specific requirement (e.g. PSD applicability or rule effectiveness).

Description and Explanation of the General Permit

The General Permit consists of four major sections.

- The General Permit Briefing Section
- The General Information Section
- The Inventories Section
- The Specific Conditions Section including the emission rate summary

The General Permit Briefing Section contains the specific facility information, the equipment, operating process overview and details about any modifications or changes at the facility.

The General Information Section is a report that contains information specific to the facility such as the responsible official, the physical address, the mailing address, etc.

The Inventories Section is a listing of the equipment, fugitives, sources and groupings that are regulated within the permit document. Each subject item listed should have some type of requirement associated with that subject item, or at a minimum, a relationship to another subject item. For example, the listing might have several storage tanks that have the emissions controlled by a flare. The tanks and the flare will be listed separately and under the relationship section of the report, that emission control relationship will be indicated.

The Specific Conditions Section contains a summary table of the emission rates by criteria pollutants and a separate table for any and all reportable toxic air pollutant emission rate. The second portion is a report of all the regulations that the facility is subject to. Each requirement is associated with the regulated equipment or emission source. To better understand this report it is important to understand some background information.

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Two key concepts in the Specific Condition Section that are used to describe the regulated entities are Agency Interest and Subject Item. It is important to understand these two concepts before proceeding.

An Agency Interest is that regulated entity of interest to the department, such as facilities, plants, cleanup sites, people, organizations, etc., on which the department maintains information.

Subject Items (SI) are that data about the components comprising an Agency Interest (AI), which are subject to regulation (i.e., those parts of an AI that emit pollutants, part of a process, or some other item that the department places requirements on). Examples of small scale Subject Items are individual pieces of equipment, release points and control devices. In addition, smaller Subject Items can be optionally grouped to form larger Subject Items, such as entire plants, process lines or Unit. An Agency Interest is always the largest Subject Item group by default. For larger facilities that have multiple permits, a Permitted Totals Group would be the largest Subject Item group.

Subject Items fall into various categories, for example, equipment, release points, and control devices. Within the system, a Subject Item is identified by the category into which it falls (e.g. EQT for equipment FUG for fugitives and RLP for release point)

- "Facility-wide requirements" in the regulations are used for regulations that apply to the entire "affected source" (submittal/actions, general recordkeeping requirements, good operating practice requirements, etc); "affected source" is defined differently by each section/subpart (facility, unit, AI, source, stationary source, plant, group of equipment, etc)- this type of regulation uses the terminology of the individual regulation to determine its description (source-wide requirements, plant-wide requirements, etc).
- "Facility-wide requirements" will always be selected for a group identified as a Permitted Totals group. This permitted totals group acts as the facility wide surrogate.

Selecting Standard Regulations

The specific conditions attached to this general permit contains the universe of regulations that may apply to the facility and associated equipment. The permit writer selects / edits / creates regulation specific requirements from the available regulations in those chapters/sections/subparts as needed. If any regulation applies to any facility or associated emission source, and is not part of the attached specific conditions or list of available regulations from Appendix A, then that facility cannot be granted a General Permit. An exception to this is when there is a specific condition that meets all of the requirements of being a state only requirement.

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An example of a regulation that is only partially applicable is, LAC 33:III Chapter 11 for Control of Emissions of Smoke. All regulations from that chapter are currently listed in the attached specific conditions for the emission source. Two main subsections in Chapter 11 are; 1101.B, which is for the Emission of Smoke from any combustion unit other than a Flare; and 1105, which is Smoke from Flaring shall not exceed 20 percent opacity. Both of these requirements are listed, but only one can apply to any given emission source. If it is a flare, then 1101.B does not apply and will not be in the facility specific conditions of the issued general permit. If it is not a flare, then 1105 does not apply and will not be in the facility specific conditions of the issued general permit.

The default language for the generic STATE-ONLY specific conditions to an emission source are:

Limitation : Equipment/operational data \leq appropriate units. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if xxxxxxxxxxxxxxxxxxxxxxxx exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]

Monitoring: Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]

Recordkeeping: Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total xxxxxxxxxxxxxxxxxxxxxxxx each month, as well as the total xxxxxxxxxxxxxxxxxxxxxxxx for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

Submittal: Submit report: Due annually, by the 31st of March. Report the xxxxxxxxxxxxxxxxxxxxxxxx for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

This language – which was used for almost every piece of equipment described in the generic General Permit – has to be modified on a case specific basis for whatever requirements the State deems “reasonable and/or necessary”. Not all four elements of this generic STATE-ONLY specific condition need to be utilized. However, the department required that this language be available to provide flexibility to the General Permit. In addition, the use of the default “continuous” for monitoring shall be modified to conform to the associated limitation.

For each regulated emission source, more than one regulation or requirement may apply. However, the regulations sometimes provide for different means (options) to comply. The facility can choose which of these options they wish to use for compliance. The attached specific conditions list all of the options. The permit writer will then review the permit

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application and choose the option requested by the applicant. The other options will not print in the draft or final signed version of the facility specific General Permit.

Some regulations may be only partially applicable to an emission source. For example, a source may be exempt from the substantive provisions of the regulations, but recordkeeping and reporting requirements may still apply. The permit writer will not list the non applicable requirements but will leave the required recordkeeping and reporting requirements to print out in the draft and final General Permit.

Some regulations may have different requirements based on the type of pollutant being emitted. The permit writer will not list the pollutant specific regulations that do not apply to that source, but will leave the applicable regulations.

This general permit also contains various specific requirements that are state only Louisiana policy requirements.

The listing from Appendix A of this Statement of Basis identified only as La. Policy – Stack Testing includes the requirements from the LA Policy — Stack Testing and Monitoring of Gas-Fired Combustion Engines and the LA Policy — Semi-annual Testing of Gas-Fired Combustion Engines. In addition, that listing includes the LA Policy — Initial Testing of Gas Turbines, Boilers and other Miscellaneous Fuel Burning Equipment.

The department's web page provides definitions and under what conditions these policy requirements will be added to the specific General Permit issued to a specific facility or source.

For the example of EQT 20 from the generic general permit, the state-only requirement to perform an initial stack test would only apply to miscellaneous fuel burning equipment that have calculations indicating emissions of NO_x greater than 40 tons per year or CO emissions greater than 100 tpy. The other policies, such as those for Internal Combustion Engines, are only relevant when an engine is larger than 500 maximum rated horsepower; or the operating time of the engine is greater than 720 hours in a semi-annual period.

These requirements are only to be applicable if there is not a corresponding Federal regulation, such as an NSPS.

Therefore, this General permit contains the complete listing of all regulations, regulation options, and all regulations related to being subject to the substantive provisions as well as to just the exempt provisions. What will be issued on a facility specific General permit will be only those regulations that actually apply to the specific facility. Naturally, any facility that does not have a specific type of emission source, such as a flare, will not have regulations for that emission source in the General permit.

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The Louisiana Department of Environmental Quality is adhering to the regulations for the issuance of a General Permit in accordance with LAC 33:III.513.

- The applicant for a General Permit must include all information necessary to determine qualification for and to assure compliance with the General Permit.
- **The owner or Operator shall publish a notice of the application in a newspaper of general circulation in the local area where the source is or would be located.**
- The permitting authority may approve an owner or operator's application for authorization to operate under the general permit without repeating the public participation procedures.
- General permits may also be issued for a source or sources that meet the criteria for a minor modification as specified in LAC 33:III.525.

Facilities shall continue to operate under any currently issued permit until a revised permit is issued. Those facilities currently operating under the general permit format public noticed in 1996 need not comply with the new General Permit public noticed in 2004 until a site specific General permit is issued.

What follows is a standardized format Statement of Basis for this generic General Permit. It describes each of the sections of the General Permit Briefing Sheet.

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Description of the Project
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I. APPLICANT:

Company:

Company Name

Name of Responsible Official

Street Address or P. O. Box No., Municipality, LA Zip Code

Facility:

Name of the Facility or Portion thereof

Street Address or P. O. Box No., Municipality, LA Zip Code

Approximate UTM coordinates are XXX.XX kilometers East and XXXX.XX kilometers North, Zone 15 or 16

II. FACILITY ORIGIN AND CURRENT PERMIT STATUS:

This Paragraph describes the facility being permitted. It provides information about when the facility was started and a detailed overview of the facility operating process. This paragraph also provides a detailed history of the permits that have been issued to the facility.

The following is a table summarizing the facility total criteria pollutants, Non-VOC Louisiana Toxic Air Pollutants with a sub-table containing a speciated listing of the total VOC Louisiana Toxic Air Pollutants.

Permitted Air Emissions

Estimated changes in permitted emissions from the Part 70 operating permit renewal in tons per year are as follows: (Note that for new facilities, there will be no Permitted Before or Permitted Change values)

Pollutant	Permitted Before	Permitted After	Permitted Change
PM ₁₀	XXX.XX	YYY.YY	+ or - difference
NO _x	XXX.XX	YYY.YY	+ or - difference
SO ₂	XXX.XX	YYY.YY	+ or - difference
CO	XXX.XX	YYY.YY	+ or - difference
VOC	XXX.XX	YYY.YY	+ or - difference
First non-VOC Toxic Air Pollutant	XXX.XX	YYY.YY	+ or - difference
Second non-VOC Toxic Air Pollutant	XXX.XX	YYY.YY	+ or - difference

LAC 33.III. Chapter 51 Regulated VOCs (Included above)

Toxic No. 1

Toxic No. 2

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Toxic No. 3	
Toxic No. 4	
Toxic No. 5	
Total	XX.XX

III. FACILITY PROCESS DESCRIPTION / PROPOSED PERMIT / PROJECT INFORMATION:

Facility Process Description

This paragraph provides a detailed description of the facility operating process, including raw materials, fuels, intermediate and final end products, and alternate operating scenarios.

Proposed Permit

This paragraph describes the type of application that has been submitted. Included in the information is if the application is for an initial permit, a minor or major modification, or whether it is a renewal application. The dates of the original application as well as the dates of any additional information submitted are also included.

Project description

This paragraph is used to describe in detail all of the changes that are being requested for the facility as part of the permit application.

The project consists of the following items:

- First item being modified
- Second item being modified
- Third item being modified
- Etc.

Section 6 of the Permit Application, dated Month XX, 200X, lists the permitted emission rate before and after the project (in tons per year) for each emission point in the permit. These changes are summarized in the Facility origin and current permit status section.

Insignificant Activities

All Insignificant Activities are authorized under LAC 33:III.501.B.5. For a list of approved Insignificant Activities, refer to Insignificant Activities Section of the General Permit Briefing Sheet from the draft Part 70 permit.

General Condition XVII Activities

The facility will comply with the applicable General Condition XVII Activities emissions as required by the operating permit rule. For a list of approved General Condition XVII Activities, refer to the General Condition XVII Activities Section of the General Permit Briefing Sheet from the draft Part 70 permit.

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Air Modeling Analysis

Screening or detailed dispersion modeling, if required, must indicate that maximum ground level concentrations of any and all affected pollutants are below the ambient significance levels.

Dispersion Model(s) Used: <None> / <ISCST3 (Screen)> or <(ISCST3 (Detailed))>

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Air Quality Standard (NAAQS)
PM10	Annual Average	XX.X $\mu\text{g}/\text{m}^3$	50 $\mu\text{g}/\text{m}^3$
	24-hour Average	XX.X $\mu\text{g}/\text{m}^3$	150 $\mu\text{g}/\text{m}^3$
SO ₂	Annual Average	XX.X $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$
	24-hour Average	XX.X $\mu\text{g}/\text{m}^3$	365 $\mu\text{g}/\text{m}^3$
	3-hour Average	XX.X $\mu\text{g}/\text{m}^3$	1300 $\mu\text{g}/\text{m}^3$
NO _x	Annual Average	XX.X $\mu\text{g}/\text{m}^3$	100 $\mu\text{g}/\text{m}^3$
CO	8-hour Average	XX.X $\mu\text{g}/\text{m}^3$	10,000 $\mu\text{g}/\text{m}^3$
	1-hour Average	XX.X $\mu\text{g}/\text{m}^3$	40,000 $\mu\text{g}/\text{m}^3$

Impact on air quality from the emissions of the proposed changes will be below the National Ambient Air Quality Standards (NAAQS) and the Louisiana Ambient Air Standards (AAS) beyond industrial property.

Regulatory Analysis

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations, Louisiana Comprehensive TAP Emission Control Program, NSPS, NESHAP, CAM and PSD regulations.

Louisiana Air Quality Regulations and NSPS

The applicability of the appropriate regulations is straightforward and provided in the Facility Specific Requirements Section of the draft permit, or Table 2 of the draft general permit. Similarly, the Monitoring, Reporting and Recordkeeping necessary to demonstrate compliance with the applicable terms, conditions and standards are provided in the Facility Specific Requirements Section of the draft permit, or explained in Table 2 of the draft Air Permit Briefing Sheet.

This paragraph and any following paragraphs describe various pieces of equipment and the NSPS regulations that pertain to that equipment.

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Prevention of Significant Deterioration Applicability and NonAttainment New Source Review

The current facility may or may not meet the definition of a Major Stationary Source with respect to the Prevention of Significant Deterioration (PSD) regulations. The facility may or may not be located in an ozone nonattainment area. The facility must perform an evaluation for PSD or NNSR applicability. To keep a facility from triggering the PSD and NNSR limits for increases, the facility may request a federally enforceable limitation of some sort. Federally enforceable conditions are allowed by the regulations to limit potential and actual emissions. However, any facility requiring a federally enforceable limitation is not allowed to use a General Permit.

MACT requirements

This facility may be a minor or major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. Therefore Maximum Achievable Control Technology and the NESHAP regulations may or may not apply. Only the NESHAP regulations that have been public noticed with this General Permit are allowed. Any other federal MACT or NESHAP regulation will require that the facility be permitted under a regular permit with a separate public notice process. State only MACT requirements will be allowed.

Periodic Monitoring

Periodic Monitoring is the emphasis of the CAM rule. When a qualifying federal or state SIP rule does not contain sufficient requirements for how periodic monitoring shall occur, then CAM is applied. Those regulations that are Presumptive CAM already contain the specific requirements to satisfy the need for the monitoring to be periodic and of sufficient quality to guarantee that the monitoring provides the data to assure that the limitations are in compliance. Periodic monitoring from any of the presumptive CAM regulations are not included in the following discussion as the specific requirements will already be part of the permit. Therefore, only the implementation of the CAM rule – with its case-by-case inclusion of the submitted CAM plan will be incorporated within the General Permit. Since the intent of CAM and periodic monitoring are the same, only the CAM additional explanation is provided in the paragraph below.

Federal regulation 40 CFR 64 Compliance Assurance Monitoring may be (is) applicable to this facility. Applicability for each pollutant, requires that the unit be subject to an emission limitation or standard and must use a control device to achieve compliance. The 40 CFR 60, 61 and 63 Subpart regulations as identified in Appendix A, which are part of this General permit, meet the criteria of being presumptively acceptable CAM. This means that if the facility operates in accordance with the regulation, the facility will be meeting the requirements of CAM. The CAM rule as applied to any facility, states that if the equipment is a major source (for example, emits 100 tpy of a criteria pollutant, or 25 tpy NO_x or VOC in the non-attainment region), then monitoring shall take place at a minimum of four times per hour, else at least daily monitoring. Exceedance of any emission limits shall be reported to the Office of Environmental Compliance, Enforcement Division in accordance with 40 CFR Part 70 General Condition R. This

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General Permit contains the generic language from 40 CFR 64. In accordance with the regulations, the facility shall submit a CAM plan, where various elements of that plan shall be incorporated after the Department approves the CAM plan. Approval and incorporation of facility CAM plans shall follow the guidance outlines as presented in “Technical Guidance Document: Compliance Assurance Monitoring, Draft version dated August 1998. The specific permit conditions of the draft permit contain descriptions of an excursion and a threshold limit for the number of allowed excursions. Once this threshold is exceeded, the facility must submit a Quality Improvement Plan (QIP), which will address a different method or means of monitoring compliance with the specified limitation. An excursion is defined as a situation where the monitoring method indicates that the unit is in compliance, but in reality the unit is not complying with the required monitoring. The threshold is an optional requirement that specifies the number of excursions allowed by the facility before the facility must submit a Quality Improvement Plan (QIP).

TABLES 1 AND 2 NON - APPLICABILITY AND EXEMPTIONS OF SUBJECT ITEMS		
ID No:	Requirement	Notes
Description of the equipment or fugitive source	Title of the regulation being reviewed [Federal or State regulation citation]	EXEMPT or DOES NOT APPLY: Description of how the source meets a regulation exemption or non applicability. For some sources that are exempt, recordkeeping and reporting may still be required.

IV. STREAMLINED REQUIREMENTS			
Unit or Plant Site	Programs Being Streamlined	Stream Applicability	Overall Most Stringent Program
Description	Description in accordance with the Louisiana Fugitive Emission Program Consolidation Source Notice and Agreement		Lists the regulation program determined to be most stringent in accordance with the Louisiana Fugitive Emission Program Consolidation Source Notice and Agreement

Glossary

Best Available Control Technologies (BACT) - An emissions limitation (including a visible emission standard) based on the maximum degree of reduction for each pollutant subject to regulation under this part which would be emitted from any proposed major stationary source or major modification which the administrative authority, on a case-by-case basis, taking into account energy, environmental, and economic impacts and other costs, determines is achievable for such source or modification through application of production processes or available methods, systems, and techniques, including fuel cleaning or treatment or innovative fuel combustion techniques for control of such pollutant.

Compliance Assurance Monitoring (CAM) rule – A federal air regulation under 40 CFR Part 64

Carbon Monoxide (CO) – A colorless, odorless gas, which is an oxide of carbon.

Federally Enforceable Specific Condition - A federally enforceable specific condition written to limit the potential to Emit (PTE) of a source must be permanent, quantifiable, and practically enforceable. In order to meet these requirements, the draft permit containing the federally enforceable specific condition must be placed on public notice and include the following specific conditions:

- A clear statement of the operational limitation or condition which limits the source's potential to emit;
- Recordkeeping requirements related to the operational limitation or condition;
- A requirement that these records be made available for inspection by LDEQ personnel;
- A requirement to report for the previous calendar year.

Grandfathered Status- Those facilities that were under actual construction or operation as of June 19, 1969, the signature date of the original Clean Air Act. These facilities are not required to obtain a permit. Facilities that are subject to Part 70 (Title V) requirements lose grandfathered status and must apply for a permit.

Hydrogen Sulfide (H₂S) - A colorless inflammable gas having the characteristic odor of rotten eggs, and found in many mineral springs. It is produced by the action of acids on metallic sulfides, and is an important chemical reagent.

Maximum Achievable Control Technology (MACT) - The maximum degree of reduction in emissions of each air pollutant subject to LAC 33:III.Chapter 51 (including a prohibition on such emissions, where achievable) that the administrative authority, upon review of submitted MACT compliance plans and other relevant information and taking into consideration the cost of achieving such emission reduction, as well as any non-air-quality health and environmental impacts and energy requirements, determines is achievable through application of measures, processes, methods, systems, or techniques.

National Emission Standards for Hazardous Air Pollutants (NESHAP) – Toxic air emission standards for specific types of facilities, as outlined in 40 CFR Parts 61 through 63

Nitrogen Oxides (NO_x) - Compounds whose molecules consists of nitrogen and oxygen.

Nonattainment New Source Review (NNSR) - A New Source Review permitting program for major sources in geographic areas that do not meet the National Ambient Air Quality Standards (NAAQS) at 40 CFR Part 50. Nonattainment NSR is designed to ensure that emissions associated with new or modified sources will be regulated with the goal of improving ambient air quality.

New Source Performance Standards (NSPS) – Air emission standards for specific types of facilities, as outlined in 40 CFR Part 60

Organic Compound - Any compound of carbon and another element. Examples: Methane (CH₄), Ethane (C₂H₆), Carbon Disulfide (CS₂)

Part 70 Operating Permit- Also referred to as a Title V permit, required for major sources as defined in 40 CFR 70 and LAC 33:III.507. Major sources include, but are not limited to, sources which have the potential to emit: ≥ 10 tons per year of any toxic air pollutant; ≥ 25 tons of total toxic air pollutants; and ≥ 100 tons per year of regulated pollutants (unless regulated solely under 112(r) of the Clean Air Act) (25 tons per year for sources in non-attainment parishes).

PM₁₀- Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers as measured by the method in Title 40, Code of Federal Regulations, Part 50, Appendix J.

Potential to Emit (PTE) - The maximum capacity of a stationary source to emit any air pollutant under its physical and operational design.

Prevention of Significant Deterioration (PSD) – A New Source Review permitting program for major sources in geographic areas that meet the National Ambient Air Quality Standards (NAAQS) at 40 CFR Part 50. PSD requirements are designed to ensure that the air quality in attainment areas will not degrade.

Sulfur Dioxide (SO₂) – An oxide of sulphur.

Toxic Air Pollutant (TAP) - LDEQ acronym for air pollutants regulated under LAC 33 Part III, Chapter 51, Tables 1 through 3

Title V permit – See Part 70 Operating Permit.

Volatile Organic Compound (VOC) - Any organic compound which participates in atmospheric photochemical reactions; that is, any organic compound other than those which the administrator of the U.S. Environmental Protection Agency designates as having negligible photochemical reactivity.

Appendix A

List of Regulations to be included in General Permits	Presumptive CAM
LAC 33:III.219	
LAC 33:III.919	
LAC 33:III.Chapter 11 Control of Emissions of Smoke	
LAC 33:III.Chapter 13 Emission Standards for Particulate Matter	
LAC 33:III.Chapter 15 Emission Standards for Sulfur Dioxide	
LAC 33:III.2103 Storage of Volatile Organic Compounds	
LAC 33:III.2104 Crude Oil and Condensate	
LAC 33:III.2107 Volatile Organic Compounds - Loading	
LAC 33:III.2108 Marine Vapor Recovery	
LAC 33:III.2109 Oil/Water Separation	
LAC 33:III.2111 Pumps and Compressors	
LAC 33:III.2113 Housekeeping	
LAC 33:III.2115 Waste Gas Disposal	
LAC 33:III.2116 Glycol Dehydrators	
LAC 33:III.2121 Fugitive Emission Control	
LAC 33:III.2122 Fugitive Emission Control for Non-Attainment areas	
LAC 33:III.2123 Organic Solvents	
LAC 33:III.2125 Vapor Degreasers	
LAC 33:III.Chapter 22 Ozone Non-Attainment	
LAC 33:III.Chapter 29 Odor Regulations	
LAC 33:III.Chapter 51 TAP Control	
LAC 33:III.Chapter 56 Emergency Episodes	
LAC 33:III.Chapter 59 Accident Prevention	
La. Policy - Stack Testing	
La. Policy - Non-NSPS Flares	
La. Policy - Glycol Dehydrators	
La. Policy - Emission Rates	
La. Policy - Cyclone Collectors	
La. Policy - Dust Filters	
La. Policy - Wet Scrubbers	
La. Policy - Carbon Adsorbers	
40 CFR 60 Subpart A General Provisions	
40 CFR 60 Subpart D Steam Boilers after 1971	

List of Regulations to be included in General Permits	Presumptive CAM
40 CFR 60 Subpart Db Steam Boilers 100 - 250 MM Btu/hr	
40 CFR 60 Subpart Dc Steam Boilers 10 - 100 MM Btu/hr	
40 CFR 60 Subpart K Tanks after 1973	
40 CFR 60 Subpart Ka Tanks after 1978	
40 CFR 60 Subpart Kb Tanks after 1984	
40 CFR 60 Subpart GG Turbines	
40 CFR 60 Subpart VV VOC Leaks for SOCMI*	X
40 CFR 60 Subpart KKK VOC Leaks for Nat Gas Onshore Plants*	X
40 CFR 60 Subpart LLL Onshore Nat Gas Sulfur Dioxide Emissions*	X**
40 CFR 61 Subpart A General Provisions	
40 CFR 61 Subpart M Asbestos	
40 CFR 61 Subpart V Fugitive Leaks	X
40 CFR 61 Subpart FF Benzene Waste Operations	X
40 CFR 63 Subpart A General Provisions	
40 CFR 63 Subpart T Halogenated Solvent Cleaning	
40 CFR 63 Subpart HH HAP's from Oil and Gas Production	X
40 CFR 63 Subpart HHH Natural Gas Transmission and Storage	X
40 CFR 64 Compliance Assurance Monitoring (CAM)	
40 CFR 70 PART 70 Operating Permit Regulations	
40 CFR 82 Protection of Stratospheric Ozone	

**Subparts KKK and LLL refer to Subpart VV, therefore VV is included. If Subpart VV is directly applicable to the facility due to VOC leaks for Synthetic Organic Chemical Manufacturing Industry (SOCMI), the General Permit can not be used*

*** Must add data collection Procedure*

Appendix B List of Regulations by Equipment Type

This is a list of major equipment types ONLY; it is NOT all-inclusive.

Facility (AI)	Boiler	Steam Generating Unit (aka Boiler)	Control Device
LAC 33:III.219	LAC 33:III.Chapter 11	LAC 33:III.Chapter 11	LAC 33:III.Chapter 11
LAC 33:III.919	LAC 33:III.Chapter 13	LAC 33:III.Chapter 13	LAC 33:III.2103
LAC 33:III.Chapter 11	LAC 33:III.Chapter 15	LAC 33:III.Chapter 15	LAC 33:III.2104
LAC 33:III.Chapter 13	LAC 33:III.2115	LAC 33:III.2115	LAC 33:III.2107
LAC 33:III.2113	LAC 33:III.Chapter 22	LAC 33:III.Chapter 51	LAC 33:III.2108
LAC 33:III.2115	LAC 33:III.Chapter 51	La. Policy: Emission Rates	LAC 33:III.2115
LAC 33:III.Chapter 22	La. Policy: State specific condition	La. Policy: State specific condition	LAC 33:III.2116
LAC 33:III.Chapter 29	La. Policy: Emission Rates	La. Policy: Stack Testing	LAC 33:III.2125
LAC 33:III.Chapter 51	La. Policy: Stack Testing	40 CFR 60 Subpart D	LAC 33:III.Chapter 51
LAC 33:III.5307.A and B	40 CFR 61 Subpart FF	40 CFR 60 Subpart Db	La. Policy: Emission Rates
LAC 33:III.Chapter 56	40 CFR 63 Subpart HH	40 CFR 60 Subpart Dc	La. Policy: State specific condition
LAC 33:III.Chapter 59	40 CFR 63 Subpart HHH		La. Policy: Non-NSPS Flares
La. Policy: Emission Rates			La. Policy: Cyclone Collectors
La. Policy: State specific condition			La. Policy: Dust Filters
40 CFR 60 Subpart A			La. Policy: Wet Scrubbers
40 CFR 61 Subpart A			La. Policy: Carbon Adsorbers
40 CFR 61 Subpart M			40 CFR 60 Subpart A
40 CFR 61 Subpart FF			40 CFR 60 Subpart Ka
40 CFR 63 Subpart A			40 CFR 60 Subpart Kb
40 CFR 63 Subpart HH			40 CFR 60 Subpart VV
40 CFR 63 Subpart HHH			40 CFR 60 Subpart KKK
40 CFR 70 Part 70 Operating Permit Regulations			40 CFR 61 Subpart V
			40 CFR 61 Subpart FF
			40 CFR 63 Subpart A
			40 CFR 63 Subpart T
			40 CFR 63 Subpart HH
			40 CFR 63 Subpart HHH
			40 CFR 64

Glycol Dehydration Reboiler	Glycol Dehydration Still Column	Fugitives	Incinerator
LAC 33:III.Chapter 11	LAC 33:III.2116	LAC 33:III.Chapter 13	LAC 33:III.Chapter 11
LAC 33:III.Chapter 13	LAC 33:III.Chapter 51	LAC 33:III.2111	LAC 33:III.Chapter 13
LAC 33:III.Chapter 15	La. Policy: Emission Rates	LAC 33:III.2121	LAC 33:III.Chapter 15
LAC 33:III.2115	La. Policy: State specific condition	LAC 33:III.2122	LAC 33:III.2115
LAC 33:III.Chapter 51	La. Policy: Glycol Dehydrators	40 CFR 60 Subpart VV	LAC 33:III.2123
La. Policy: Emission Rates	40 CFR 63 Subpart HH	40 CFR 60 Subpart KKK	LAC 33:III.Chapter 51
La. Policy: State specific condition	40 CFR 63 Subpart HHH	40 CFR 61 Subpart V	La. Policy: Emission Rates
40 CFR 60 Subpart Dc		40 CFR 63 Subpart HH	La. Policy: State specific condition
			40 CFR 61 Subpart FF
			40 CFR 63 Subpart HH
			40 CFR 63 Subpart HHH

Internal Combustion Engines	Loading Apparatus	Misc. Fuel Burning Equipment	Pneumatic Pump
LAC 33:III.Chapter 11	LAC 33:III.2107	LAC 33:III. Chapter 11	LAC 33:III.Chapter 51
LAC 33:III.Chapter 13	LAC 33:III.2108	LAC 33:III. Chapter 13	La. Policy: Emission Rates
LAC 33:III.Chapter 15	LAC 33:III.Chapter 51	LAC 33:III. Chapter 15	La. Policy: State specific condition
LAC 33:III.Chapter 22	La. Policy: Emission Rates	LAC 33:III.2115	
LAC 33:III.Chapter 51	La. Policy: State specific condition	LAC 33:III.Chapter 51	
La. Policy: Emission Rates		La. Policy: Emission Rates	
La. Policy: State specific condition		La. Policy: State specific condition	
La. Policy: Stack Testing		La. Policy: Stack Testing	

Process Vent	Reactor	Separator	Storage Vessel
LAC 33:III.2115	LAC 33:III.2115	LAC 33:III.2109	LAC 33:III.2103
LAC 33:III.Chapter 51	LAC 33:III.Chapter 51	LAC 33:III.2115	LAC 33:III.2104
La. Policy: State specific condition	La. Policy: State specific condition	LAC 33:III.Chapter 51	LAC 33:III.Chapter 51
La. Policy: Emission Rates	La. Policy: Emission Rates	La. Policy: Emission Rates	La. Policy: Emission Rates
		La. Policy: State specific condition	La. Policy: State specific condition
		40 CFR 61 Subpart FF	40 CFR 60 Subpart K
			40 CFR 60 Subpart Ka
			40 CFR 60 Subpart Kb
			40 CFR 61 Subpart FF
			40 CFR 63 Subpart HH

Sweetening Unit	Turbine	Vapor Degreasers	Cooling Tower
LAC 33:III.Chapter 11	LAC 33:III.Chapter 11	LAC 33:III.2115	LAC 33:III.Chapter 51
LAC 33:III.Chapter 13	LAC 33:III.Chapter 13	LAC 33:III.2125	La. Policy: Emission Rates
LAC 33:III.Chapter 15	LAC 33:III.Chapter 15	LAC 33:III.Chapter 51	La. Policy: State specific condition
LAC 33:III.2115	LAC 33:III.Chapter 22	La. Policy: Emission Rates	
LAC 33:III.Chapter 51	LAC 33:III.Chapter 51	La. Policy: State specific condition	
La. Policy: Emission Rates	La. Policy: Emission Rates	40 CFR 63 Subpart T	
La. Policy: State specific condition	La. Policy: State specific condition		
40 CFR 60 Subpart LLL	La. Policy: Stack Testing		
	40 CFR 60 Subpart GG		